

Performance Data Sheet

Models: FM-750

Use Replacement Cartridge: 47-550101

The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system as specified in NSF/ANSI Standard 42 and Standard 53.



System tested and certified by NSF International against NSF/ANSI Standard 42 and Standard 53 for the reduction of substances listed below.

Capacity 750 Gallons (2,839 Liters) Contaminant Reduction Determined by NSF testing.

Substance Reduction	Average Influent	NSF/ANSI Specified Challenge Concentration	Avg % Reduction	Average Product Water Concentration	Max Permissible Product Water Concentration	NSF Reduction Requirements	NSF Test Report
Chlorine Taste and Odor	2.1 mg/L	2.0 mg/L \pm 10%	97.6%	0.05 mg/L	N/A	\geq 50%	J-00121313
Nominal Particulate Class I, \geq 0.5 to $<$ 1.0 μ m	9,100,000 pts/mL	At least 10,000 particles/mL	98.8%	111,817 pts/ml	N/A	\geq 85%	J-00099871
Asbestos	215 MF/L	10^7 to 10^8 fibers/L; fibers greater than 10 μ m in length	$>$ 99%	$<$ 1 MF/L	N/A	\geq 99%	J-00099873
Atrazine	0.009 mg/L	0.009 mg/L \pm 10%	94.4%	0.0005 mg/L	0.003 mg/L	N/A	J-00109716
Benzene	0.015 mg/L	0.015 mg/L \pm 10%	96.6%	0.005 mg/L	0.005 mg/L	N/A	J-00121317
Carbofuran	0.08 mg/L	0.08 mg/L \pm 10%	86.8%	0.01mg/L	0.04 mg/L	N/A	J-00112822
Cyst*	122,500 cysts/L	Minimum 50,000 cysts/L	99.99%	1 cyst/L	N/A	\geq 99.95%	J-00109715
Lead @ pH 6.5	0.148 mg/L	0.15 mg/L \pm 10%	99.3%	0.001 mg/L	0.010 mg/L	N/A	J-00121320
Lead @ pH 8.5	0.153mg/L	0.15 mg/L \pm 10%	99.3%	0.001 mg/L	0.010 mg/L	N/A	J-00121322
Lindane	0.002 mg/L	0.002 mg/L \pm 10%	98.8%	0.00002 mg/L	0.0002 mg/L	N/A	J-00107051
Mercury @ pH 6.5	0.006 mg/L	0.006 mg/L \pm 10%	95.1%	0.0003 mg/L	0.002 mg/L	N/A	J-00121324
Mercury @ pH 8.5	0.006 mg/L	0.006 mg/L \pm 10%	95.0%	0.0003 mg/L	0.002 mg/L	N/A	J-00122998
P-Dichlorobenzene	0.243 mg/L	0.225 mg/L \pm 10%	99.7%	0.0005 mg/L	0.075 mg/L	N/A	J-00121326
Toxaphene	0.016 mg/L	0.015 mg/L \pm 10%	93.8%	0.001 mg/L	0.003 mg/L	N/A	J-00121328

* Based on the use of Cryptosporidium parvum oocysts

Application Guidelines/Water Supply Parameters	
Service Flow	0.75 gpm (2.8 lpm)
Water Supply	Potable Water
Water Pressure	25 -120 psi (172 – 827 kPa)
Water Temperature	40° F - 100° F (4.4° C - 38° C)

It is essential that the manufacturer's recommended installation, maintenance and filter replacement requirements be carried out for the product to perform as advertised. See Installation Manual for Warranty information.

Note: While the testing was performed under standard laboratory conditions, actual performance may vary.

Replacement Cartridge: 47-550101

For estimated costs of replacement elements please call 1-800-733-1199 or visit us at www.waterfactorysystems.com



WARNING

To reduce the risk associated with ingestion of contaminants:

- **Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before and after the system.** Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts.

EPA Establishment Number 070595-MEX-001

CAUTION

To reduce the risk associated with property damage due to water leakage or flooding:

- **Read and follow** all Instructions before installation and use of this system.
- **To reduce the risk of water leakage or flooding, and ensure optimal filter performance:**
- **Change the disposable filter cartridge every six months** or sooner if you observe a noticeable reduction in water flow rate.
- Failure to replace the disposable filter cartridge at recommended intervals may lead to reduced filter performance and cracks in the filter housing, causing water leakage or flooding.
- For questions or concerns, please contact Customer Service at 1-800-733-1199.